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NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEEDLINE reloaded with enhancements
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NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRSEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

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\* \* \* \* \* STN Columbus \* \* \* \* \*

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

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=> s asymmetric disulfide  
L1 153 ASYMMETRIC DISULFIDE

=> s polymer  
L2 1812816 POLYMER

=> s L1 and L2  
L3 5 L1 AND L2

=> dup rem L3  
PROCESSING COMPLETED FOR L3  
L4 5 DUP REM L3 (0 DUPLICATES REMOVED)

=> d 1-5 L4 ibib abs

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1117570 CAPLUS

DOCUMENT NUMBER: 146:82228

TITLE: A New Efficient Photoiniferter for Living Radical  
Photopolymerization

AUTHOR(S): Lalevee, J.; Allonas, X.; Fouassier, J. P.

CORPORATE SOURCE: Department of Photochemistry, University of haute  
Alsace, Mulhouse, 68093, Fr.

SOURCE: Macromolecules (2006), 39(24), 8216-8218

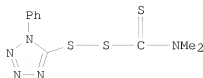
CODEN: MAMOBX; ISSN: 0024-9297

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



I

AB The new asym. disulfide photoiniferter (I) appears as powerful to control the final properties of the formed polymer. It leads to high Mn whereas a combination of I with a tetra-Me thiuram disulfide is better for obtaining both low Mn and narrower polydispersity index. The control of the polymerization of multifunctional monomers usable in the UV curing are also appears feasible. Compound I can also create a large variety of dormant species in a polymer matrix: the formation of a PMMA-polystyrene copolymer through a sequential approach was easily achieved.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on SIN

ACCESSION NUMBER: 2004:490449 CAPLUS

DOCUMENT NUMBER: 141:42925

TITLE: Asymmetric disulfides for restoring normal cellular functions

INVENTOR(S): Kirkpatrick, Lynn; Powis, Garth

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 23 pp., Cont.-in-part of U.S. Ser. No. 366,751.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040116496	A1	20040617	US 2003-617949	20030710
WO 9824472	A1	19980611	WO 1997-US22292	19971205
W: AL, AT, BA, BB, BG, BR, CA, CH, CU, CZ, EE, GE, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6552060	B1	20030422	US 1998-132421	19980811
US 20020055131	A1	20020509	US 2001-875578	20010606
US 6689775	B2	20040210		
US 20030176512	A1	20030918	US 2003-366751	20030214
CA 2573060	A1	20050127	CA 2004-2573060	20040712
WO 2005007108	A2	20050127	WO 2004-US22280	20040712
WO 2005007108	A3	20050825		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

PRIORITY APPLN. INFO.:

US 1996-31995P P 19961206  
 US 1997-55201P P 19970811  
 WO 1997-US22292 W 19971205  
 US 1998-132421 A1 19980811  
 US 1999-319292 B1 19990603  
 US 2001-875578 A2 20010606  
 US 2003-366751 A2 20030214  
 US 2003-617949 A 20030710  
 WO 2004-US22280 W 20040712

AB The present invention is directed to a composition or formulation which includes an asym. disulfide which alone or in combination inhibits or interferes with cellular redox function, as well as a method of using same to restore normal cellular function. More specifically, the composition of the present invention is delivered to the patient over a period of time and interacts with, interfere with, or inhibits abnormal cellular proliferation and restores or prevents inhibition of cellular apoptosis. The asym. disulfide, preferably 1-methylpropyl-2-imidazolylidysulfide, is i.v. or orally administered to inhibit the abnormal cell growth, such as FAP polyps and angiogenesis.

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on SIN

ACCESSION NUMBER: 2002:345202 CAPLUS  
 DOCUMENT NUMBER: 136:361628  
 TITLE: Optical components  
 INVENTOR(S): Okubo, Takeshi; Kan, Takeshi  
 PATENT ASSIGNEE(S): Hoya Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF

DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002131502	A	20020509	JP 2000-327113	20001026
JP 3730107	B2	20051221		
AU 755212	B2	20021205	AU 2001-78283	20011009
EP 1211276	A2	20020605	EP 2001-124207	20011012
EP 1211276	A3	20031126		
EP 1211276	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
AT 348851	T	20070115	AT 2001-124207	20011012
CA 2359876	A1	20020426	CA 2001-2359876	20011024
CA 2359876	C	20050614		
CN 1351009	A	20020529	CN 2001-135594	20011026
US 20020099167	A1	20020725	US 2001-984070	20011026
US 6559276	B2	20030506		
CN 1554958	A	20041215	CN 2004-10063844	20011026
KR 2004091600	A	20041028	KR 2004-66483	20040823
PRIORITY APPLN. INFO.:				
			JP 2000-327112	A 20001026
			JP 2000-327113	A 20001026
			KR 2001-65648	A3 20011024

AB The components (e.g. lenses) comprise a polymer of an asym. disulfide monomer.

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:344913 CAPLUS  
DOCUMENT NUMBER: 136:355589  
TITLE: Asymmetric disulfides and their  
manufacture for optical materials having high  
refractive index and Abbe's number  
INVENTOR(S): Okubo, Takeshi; Kan, Takeshi  
PATENT ASSIGNEE(S): Hoya Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002128756	A	20020509	JP 2000-327112	20001026
JP 3768397	B2	20060419		
AU 755212	B2	20021205	AU 2001-78283	20011009
EP 1211276	A2	20020605	EP 2001-124207	20011012
EP 1211276	A3	20031126		
EP 1211276	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
AT 348851	T	20070115	AT 2001-124207	20011012
CA 2359876	A1	20020426	CA 2001-2359876	20011024
CA 2359876	C	20050614		
CN 1351009	A	20020529	CN 2001-135594	20011026
US 20020099167	A1	20020725	US 2001-984070	20011026
US 6559276	B2	20030506		
CN 1554958	A	20041215	CN 2004-10063844	20011026
KR 2004091600	A	20041028	KR 2004-66483	20040823
PRIORITY APPLN. INFO.:				
			JP 2000-327112	A 20001026
			JP 2000-327113	A 20001026
			KR 2001-65648	A3 20011024

OTHER SOURCE(S): MARPAT 136:355589

AB The compds. are manufactured by reaction of O-alkyl S-substituted sulphenyl thiocarbonates with thiols. Methoxycarbonylsulphenyl chloride was reacted with 1,2-dimercaptoethane in CH<sub>2</sub>Cl<sub>2</sub> at room temperature for 2 h and treated with 2,3-epithiopropylmercaptan in the presence of Net3 in CH<sub>2</sub>Cl<sub>2</sub> at room temperature for 3 h to give 1,6-bis(2,3-epithiopropyl)-1,2,5,6-tetrathiahexane, which was polymerized to give a polymer showing refractive index 1.735 and Abbe's number 32.1.

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:535436 CAPLUS  
DOCUMENT NUMBER: 121:135436  
ORIGINAL REFERENCE NO.: 121:24501a, 24504a  
TITLE: Ultrathin self-assembled polymeric films on solid  
surfaces. III. Influence of acrylate dithioalkyl side  
chain length on polymeric monolayer formation on gold  
Sun, F.; Grainger, D. W.; Castner, D. G.  
CORPORATE SOURCE: Dep. Chem., Biochem. Mol. Biol., Oregon Grad. Inst.  
Sci. Technol., Portland, OR, 97291-1000, USA  
SOURCE: Journal of Vacuum Science & Technology, A: Vacuum,  
Surfaces, and Films (1994), 12(4, Pt. 2), 2499-506  
CODEN: JVTAD6; ISSN: 0734-2101  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB Self-assembled films of acrylate polymers containing dithioalkyl side chains of varying lengths have been fabricated on gold substrates by adsorption from dilute organic solution Anchoring alkyl side chain types studied

include lipoate (n = 4), pentyl dithioundecanoate (n = 10), pentyl dithiopalmirate (n = 15), and pentyl dithiotricosonate (n = 22), where n represents the number of methylene units in the longer arm of the asym. disulfide side chain. Comprehensive characterization of polymer monolayers by XPS and reflection Fourier transform IR spectroscopy showed improved order for structural assemblies of C11 (n = 10) side chain polymer monolayers, over shorter and longer side chain polymer analogs, due to a higher percentage of bound thiolate anchors. Monolayer thicknesses range from 20 to 40 Å, primarily depending on side chain length and d. along the polymer backbone. Cyclic voltammetry on gold electrodes shows that longer side chain polymer monolayers possess more structural defects resulting from considerable disorder in the films. Despite the less organized structural features for these polymer monolayers, their selective adsorption onto gold via specific side chain terminal disulfide anchors on microlithographed substrate patterns creates well-resolved surface-modified microstructures comparable to those from monomeric analogs, as shown by scanning Auger mapping.

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
32.67	32.88

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-4.00	-4.00

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